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MOFFETT FIELD
SSIC NO. 5090.3

DEPARTMENT OF THE NAVY
NAVAL AIR STATION
MOFFETT FIELD, CA 94035-5000

IN REPLY REFER TO:
6280/5
Ser 189/ 2579
18 AUG 1987

California Regional Water Quality Control Board
San Francisco Bay Region
1111 Jackson St.
Room 6040
Oakland, CA 94607

Gentlemen:

We are providing the following additional information concerning the closure and cleanup to Tank Numbers 2, 43, and 66.

The Aircraft Engine Washdown Waste Tanks, Numbers 2 and 43, have been taken out of service and the drains have been sealed to eliminate further collection. Waste is being handled in drums and being disposed of by contract. Plans and specifications for the removal of these tanks are being prepared. Removal of the tanks is planned for the first quarter of FY88. Details of our investigation are included in enclosure (1).

Removal of Tank Number 66 (Dry Cleaners Sump) is also planned for the first quarter of FY88. Details of this investigation are included in enclosure (2).

If there are any questions, please contact Ensign Heckmann at (415) 966-5330.

Sincerely,

C. T. MOYER, III

Encl:
(1) Proposed Technical Investigation, Underground Storage Tanks 2 and 43
(2) Proposed Technical Investigation, Naval Air Station Moffett Field Dry Cleaners Sump

Copy to:
Western Division, Naval Facilities Engineering Command (Code 1142)
Western Division, Naval Facilities Engineering Command Legal Counsel

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NAVY/RWQCB 31

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3 of

Proposed Technical Investigation
Underground Storage Tanks 2 & 43

A. Four borings are to be installed: 1 - 100 foot deep rotary wash boring for geophysical logging only and 3 - 70 foot deep hollow stem auger borings for wells. See figure A for the preliminary locations of these borings. The latter 3 holes would be completed as 4 inch diameter PVC monitoring wells screened in the shallowest aquifer zone, suitable for pumping as part of aquifer pump tests.

The 3 hollow stem auger borings would be cored continuously for lithographic logging and soil sampling. Soil sampling for chemical analysis would be every 10 feet in each of these 70 foot borings.

VOCs:	3 borings	x 7 samples	= 21 total
BNAs:	3 borings	x 2 samples	= 6 total
Metals:	3 borings	x 2 samples	= 6 total
TOC:	1 boring	x 7 depths	= 7 total

Two rounds of water samples would be collected from the three new wells for analysis of VOCs, and one round for analysis of BNAs, priority pollutant metals, TOC, anions, cations, TDS.

B. In accordance with the Sampling Plan, a soil gas survey will be conducted on the north and east sides of Hanger 3 to delineate the occurrence and extent of potential VOC contamination in the vadose zone to provide information for placement of A aquifer wells in Phase II. In Phase II, well W7-20(A) will be installed near tank 2. Borehole soil samples will be collected from the vadose zone (approx. 3' depth) and the interval of screening (approx. 15 foot depth) and tested for VOC's and priority pollutant metals. Additional wells may be installed in Phase III. Existing well W7-8(A) will continue to be monitored. Water samples from both wells will be analyzed as described in the Sampling Plan. Pump tests will be conducted near the southwest corner and the northeast corner of Hangar 3.

C. Tanks and soil will be removed. Samples will be collected from beneath the tanks and from the excavation sidewalls after tank removal for analysis of VOCs. Samples will be taken where there are obvious signs of release, if any. Additional soil excavation and resampling as necessary will be performed to verify sufficient excavation.

SCHEDULE

A. Weeks after award of contract*

0-2	Mobilization
2-5	Boring and well installation, sampling
5-8	Sample Results
8-12	Draft Preliminary Report
12-16	Final Report

*Contract award should occur in approximately 1-2 months

B. Schedule as indicated in Sampling Plan. Contract award of Phase I planned for September 1987.

C. Tank Removal and Excavation planned for October/November 1987.

Enclosure (1)

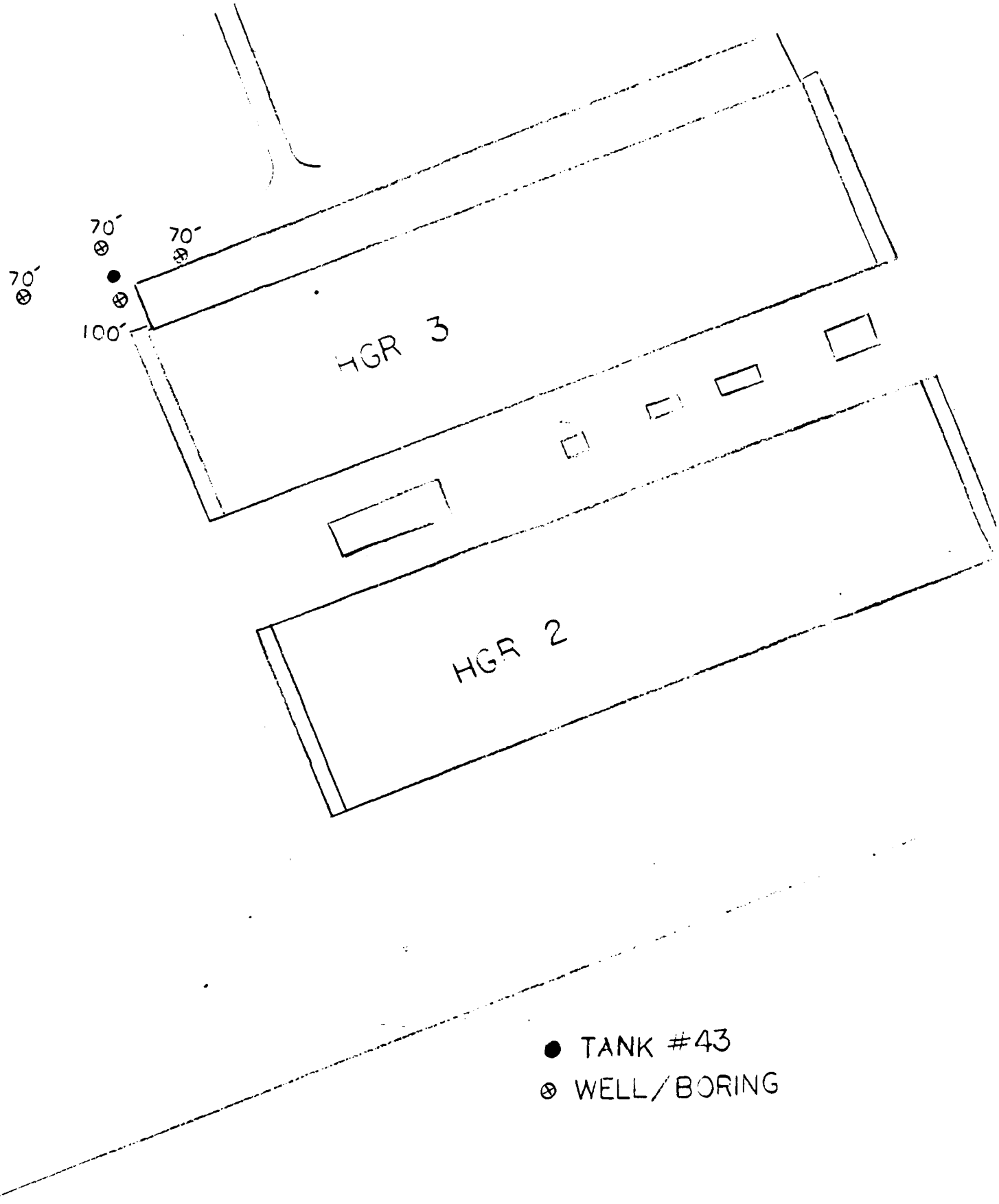

FIG (A)

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PROPOSED TECHNICAL INVESTIGATION

NAVAL AIR STATION (NAS), MOFFETT FIELD

DRY CLEANERS SUMP

A. In accordance with the Sampling Plan, well installation will take place in three phases. In Phase I, a soil gas survey will be conducted to attempt to delineate a potential plume and to assist in placement of wells in Phase II. Five wells, W9-14(A), and W9-16(A) through W9-19(A), will be installed in Phase II. Additional wells may be installed in Phase III, if needed. Soil samples will be collected for chemical analysis from all wells at 5 feet and at the depth of the screened aquifer (approximately 60 feet). These samples will be analyzed for pH, metals, VOCs and BNAs. Water samples will be analyzed as described in the Sampling Plan.

B. The sump and the soil surrounding the sump will be removed. Samples will be collected from beneath the sump and from the excavation sidewalls and procedures will be in accordance with the Quality Assurance Project Plan. Method 8240 will be used to analyze the soil for VOCs. Samples will be taken where there are obvious signs of release, if any. Additional soil excavation and resampling, if necessary, will be performed to verify sufficient excavation.

SCHEDULE

A. The schedule is indicated in the Sampling Plan. The contract award of Phase I is planned for September 1987.

B. Tank removal and excavation are planned for October/November 1987.